

Attorney Docket No. Le A 36 764

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Joachim Schuhmacher, et al.

Serial No.: [to be assigned] - National Stage Filing of PCT/EP2004/008708

Title: Determination of Free Fractions

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37 C.F.R. 1.97(b)(2)

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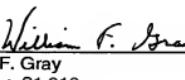
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Respectfully submitted,



William F. Gray
Reg. No.: 31,018
Attorney for Applicant(s)

Bayer Pharmaceuticals Corporation
400 Morgan Lane
West Haven, CT 06516
Telephone: (203) 812-2712
Facsimile: (203) 812-6459

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Complete if Known	
Application Number	[to be assigned]
Filing Date	
First Named Inventor	Joachim Schuhmacher
Unit	
Examiner Name	
Assignee Docket Number	Lc A 36 764

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Sheet

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of

2

Application Number

[to be assigned]

Filing Date**First Named Inventor**

Joachim Schuhmacher

Art Unit**Examiner Name**

Attorney Docket Number

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/P.D./	R1	Austin, R. P., et al., "The Influence of Nonspecific Microsomal Binding on Apparent Intrinsic Clearance, and its Prediction from Physicochemical Properties", Drug Metabolism and Disposition, 30(12): 1497-1503 (2002)	
	R2	Boyd, B. J., et al., "Using the Polymer Partitioning Method to Probe the Thermodynamic Activity of Poorly Water-Soluble Drugs Solubilized in Model Lipid Digestion Products", J. Pharm. Sci., 92(6): 1262-1271 (June 2003)	
	R3	Loidl-Stahlhofen, A., et al., "Multilamellar Liposomes and Solid-Supported Lipid Membranes (TRANSIL): Screening of Lipid-Water Partitioning toward a High-Throughput Scale", Pharm. Res., 18(12): 1782-1788 (2001)	
	R4	Loidl-Stahlhofen, A., et al., "Solid-Supported Lipid Membranes as a Tool for Determination of Membrane Affinity: High-Throughput Screening of a Physicochemical Parameter", J. Pharm. Sci., 90(5): 599-606 (2001)	
	R5	Santos, N. C., et al., "Quantifying molecular partition into model systems of biomembranes: an emphasis on optical spectroscopic methods", Biochimica et Biophysica Acta, 1612: 123-135 (2003)	
	R6	Schuhmacher, J., et al., "Determination of the Free Fraction and Relative Free Fraction of Drugs Strongly Bound to Plasma Proteins", J. Pharm. Sci., 89(8): 1008-1021 (August 2000)	
	R7	Schmitz, A. A. P., et al., "Interactions of Myristoylated Alanine-Rich C Kinase Substrate (MARCKS)-Related Protein with a Novel Solid-Supported Lipid Membrane System (TRANSIL)", Analytical Biochem., 268: 343-353 (1999)	
↓	R8	Poulin, P., et al., "Prediction of Pharmacokinetics Prior to In Vivo Studies. 1. Mechanism-Based Prediction of Volume of Distribution", J. Pharm. Sci., 91(1): 129-156 (January 2002)	
/P.D./	R9	Veronese, M. E., et al., "Plasma Protein Binding of Amiodarone in a Patient Population: Measurement by Erythrocyte Partitioning and a Novel Glass-Binding Method", Br. J. Clin. Pharmac., 26: 721-731 (1988)	

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